20030120.qrp v02_n806.qrl.20030120

Date: Mon, 20 Jan 2003 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2806

QRP-L Digest 2806

Topics covered in this issue include:

Date: Sun, 19 Jan 2003 17:46:50 -0600
From: KD5NWA <KD5NWA@cbayona.com>
To: wb8rcr@arrl.net,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144916] Re: OT List Traffic
Message-ID: <5.2.0.9.0.20030119173940.00a7c700@pop.cbayona.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

All the dates are not the same, the one for 2002 is less than a year, while

some others are longer than a year, that would make some difference.

The way it is going right now, the list won't even get to be 2/3 of last
years postings, then again that might no be a bad thing.

At 10:06 AM 1/19/2003, John J. McDonough wrote:
>Looks like the traffic to the list has been declining slightly for a while.
>I just finished zipping up the 2002 archives, and the size of the zip files
>are interesting:
>
> 1951368 Jan 30 1994 1993.zip
> 4108382 Jan 15 1995 1994.zip
> 7482056 Jan 8 1996 1995.zip
>13619568 Jan 15 1997 1996.zip
>17885492 Oct 15 1998 1997.zip
>18613994 Jan 7 1999 1998.zip
>19532199 Jan 16 2000 1999.zip
>18230344 May 12 2001 2000.zip
>18953425 Jan 18 2002 2001.zip
>17967329 Jan 2 13:23 2002.zip
>
>72/73 de WB8RCR   http://www.qsl.net/wb8rcr
>didileydadidah   QRP-L #1446 Code Warriors #35

Cecil
KD5NWA

Date: Sun, 19 Jan 2003 19:07:07 -0500
From: <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [144917] FT-817's - 10 of them for sale
Message-ID: <961HaTaHH7904S02.1043021227@uwdvg002.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Here's a repost on the 10 FT-817 for sale. Somehow the information didn't=

post. Please do not contact me.

These 10 Yaesu Ft-817 radios were bought with the intention to use for re=
scue
communications however our plans have changed. These are all brand new an=
d
were purchased in December 2002. Radios come with carry case, Battery Pac=

k,
Radio Filters that you plug in for CW, Microphones and all original equip=
ment.
The radios were checked upon arrival by the technical department and plac=
ed
back in their original boxes. The cost per radio is $430 with all accesso=
ries.
These radios carry no warranty and are sold as is. Shipping is $15 for th=
e
first radio and a few dollars more if you buy two or more.

Contact Mark Hubble
rescue_radio_association@hotmail.com

mike
wb5yjx
managing editor
QRP Quarterly
QRP-ARCI 3922, SOC 54, Flying Pig 447, QRP-L 2130
Adventure Radio 810, Alaska QRP 514, QCWA 30857

Date: Sun, 19 Jan 2003 16:25:38 -0800
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: <inforhc@ip.etecsa.cu>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144918] Re: Germanium transistors data
Message-ID: <001001c2c01a$7a44b100$0b02a8c0@WorkGroup>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

These are cross-referenced in my NTE catalog, try the web site. Let me know if
you can't find them there and I'll transcribe the
info. The first two have fT's of 250MHz and 550MHz respectively, so they are
indeed RF transistors.

URL: http://www.nteinc.com/

Hope this helps.

73 de ian, k3imw/6

----- Original Message -----

From: "Prof. Arnaldo Coro Antich" <inforhc@ip.etecsa.cu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, January 19, 2003 10:38 AM
Subject: RE: Germanium transistors data

> Hi amigos !
> Just found a bunch of Japanese germanium transistors, I know they are Ge and
> not Si thanks to the digital multimeter...BUT. I don't have a transistor
> curve tracer, so help is appreciated in order to see if these relics can be
> useful for some of the newbies receiver projects
> They are
> 2SA466 (possible for RF ???)
> 2SA324 ("" "")
> 2SB134
> 2SB135
> 2SB136
> 2SB187
>
> I need to know at least the basic parameters like Ic , Hfe and Frequency
> range...
> And of course any other useful data
> 73 and DX
> Arnie Coro
> CO2KK
> 2SB324
>
>

Date: Sun, 19 Jan 2003 18:06:35 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-l@lehigh.edu
Cc: K2UD@adelphia.net
Subject: [144919] Re: Who needed a 10M beacon xmtr
Message-ID: <BA5099AB.711%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Howard - I cannot find your reference:

"If crystal control is not a handicap, Doug DeMaw's/Wes Hayward's Universal Transmitter (Little Joe) will give you about 1.5W on 10M. Clean stable keying. It's in QRP Classics."

in my copy of "QRP Classics". It is the first edition. Am I missing something? What page is it on in your copy? Thanks - Dr. Megacycle KK6MC/5
--

Date: Sun, 19 Jan 2003 18:30:40 -0700
From: "Chris Trask" <christrask@earthlink.net>
To: <la3za@qsl.net>,
        "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [144920] Re: Pre-Amps
Message-ID: <005f01c2c023$d3839700$e0803a41@ctrask>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

On Sunday, January 19, 2003 1:54 PM, Sverre Holm/LA3ZA wrote:

>
> This thread has been one I have followed with much interest and I am
> tempted to try the preamp/mixer combination of Chris / N7ZWY for my 20 m
> project.
>
> Another big consumer of current can be the post-mixer amplifier, so how
> would the preamp do as a post-mixer amplifier? - or maybe since the
> mixer is active, there is no need for it so one can feed the mixer right
> into a crystal filter? comments?
>

Sverre,
    You should never terminate a diode ring mixer with a narrow-band load such as a crystal filter, as it will cause the IMD performance to degrade rapidly due to the images being improperly terminated. This is true for all three terminals (RF, LO, and IF). Active mixers are much more forgiving of out-of-band mismatches.

    Any wideband termination, including my augmented amplifiers, will keep the IMD performance of the mixer from degrading. In the early stages of a receiver, an amplifier with good IMD performance will reduce the amount of in-band IMD products caused by out-of-band signals. Further down the receiver chain where the signals become higher in amplitude, good IMD amplifiers are still necessary to reduce the amount if IMD distortion of the desired signal(s).

Chris

High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
http://www.home.earthlink.net/~christrask

Graphics by Loek Frederiks

Date: Sun, 19 Jan 2003 18:39:14 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: <mgoins@usa.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144921] Re: FT-817's for sale - 10 of them
Message-ID: <017101c2c024$bf6c59e0$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They are all sold.

Jess
----- Original Message -----
From: <mgoins@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, January 19, 2003 9:22 AM
Subject: FT-817's for sale - 10 of them

> This appeared last night on the yahoo groups FT-817 reflector, and I thought
> I'd pass it on to anyone who might be interested. Tried then, and it didn't go

> through for some reason.
>
> Pretty good price with the CW filter included, if all is legitimate. No
> connection to anyone. Simply passing along information.
>
> 72,
>
>
>
> mike
> wb5yjx
> managing editor
> QRP Quarterly
> QRP-ARCI 3922, SOC 54, Flying Pig 447, QRP-L 2130
> Adventure Radio 810, Alaska QRP 514, QCWA 30857
>

Date: Sun, 19 Jan 2003 17:47:29 -0800
From: "Ward Silver" <hwardsil@centurytel.net>
To: <qrp-l@lehigh.edu>
Subject: [144922] Re: APRS and ARRL contests
Message-ID: <000901c2c025$e4608950$7ca9fea9@MRKNOWITALL>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Actually, in another message Dan indicated (and he was explicitly
> addressing APRS) that you could also have only one transmitted signal.
> Transmitting your position on one radio and making contacts on another
> violates the "one-transmitting signal" rule.
> 73,
> --Alex KR1ST

Along with the two-signal rule, the issue with APRS and BEACONet is also related to the issue of antennas and propagation on VHF/UHF. Down on HF, our beams and wires have a sufficiently broad pattern and propagation is sufficiently well-distributed such that we "illuminate" and are audible over a fairly wide area. This is not the case on VHF/UHF at all. Propagation suffers from attenuation, is frequently very selective, and can be highly transient in nature. To overcome that, beams with very high gain and narrow patterns are the rule - when was the last time you saw a 20-element yagi for 20-meters? :-)

This means that knowing where the other station is - particularly a mobile station or rover - can be a distinct advantage. Not only are you calling CQ, but you're also providing crucial aiming information over a second channel that is not subject to the same propagational disadvantages as the one on which the QSO will be made. It has the potential to really change the game and that's why ARRL has ruled that it can't be used - not an entirely unreasonable position.

Now - the obvious question that hasn't been asked is, "Does the game need to be changed?" Adding the dimension of hybridization of radio/Internet/GPS could make for some very interesting competitive environments that many stations - not just rovers and Big Guns - could enjoy. Maybe the time has come for that type of contest. However, not in the regular VHF Sweepstakes as it stands, and that's why N1ND has made the right call in this case.

73, Ward N0AX

Date: Sun, 19 Jan 2003 21:31:13 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [144923] Japanese Transistor Data
Message-ID: <5.2.0.9.2.20030119212720.0430bd78@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Tables specifying Japanese 2SA; 2SB; and 2SC Transistor Data can be found at: <http://salsrv.freeuk.com/nic.percival/JpnTransistor.html> . I already forwarded Arnie the data; but if you find it at another source, you might go ahead and send it to him, since my source's original, came from a Russian source, and he mentioned some of it might have been mistranslated/etc.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

LM: ARRL QCWA AMSAT & INDEXA;

SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 19 Jan 2003 21:49:01 -0500
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: qrp-l@Lehigh.EDU
Subject: [144924] Nor'easter Help: L3, L4, and Case Ideas?
Message-ID: <OF66000EF7.C15E6223-ON85256CB4.000AE6EE-85256CB4.000F77D3@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Since winter is the time to build, and snow has settled across
west-central Ohio, I finally reached for my Nor'easter kit awaiting
assembly. The kit has gone together well, with FB reception on first
power up! TNX Steven Weber & Norcal!

A couple of questions....

1.) The VCO adjustments to L3 & L4 seem to be somewhat touchy. There's
enough spring in the windings that the adjustment seems to "move". Once
this radio goes portable -- away from the gentle comfort of the bench --
this concerns me.

        a.) How critical are these adjustments?
        b.) Is there a recommended way to secure the windings after the
adjustments are made?

2.) Any cleaver ideas for packaging the Nor'easter? I'm looking for
something a bit more elegant than the ubiquitous Altoids case, and it must
also hold the a std. 9V battery. Any commercial recommendations? Home
brew cases? Hey, what did "everyone" use?

TNX,
Steve
aa8af

Date: Sun, 19 Jan 2003 21:48:59 -0500
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
To: nu0v@arrl.net
Cc: qrp-l@Lehigh.EDU
Subject: [144925] Re: Need Nor'easter Kit (Norcal) Help

Message-ID: <OFE94EB5C2.670C429F-ON85256CB4.0009463B-85256CB4.000F7709@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

John,
Coincidentally, I finally got around to building my Nor'easter this past week. In fact, I'm returning from the "lab" after listening to what appears to be a success! I have my Nor'easter laid out on the bench, bare board, and hooked up. Good WWV reception here in west-central Ohio on about 2' of antenna wire.

My kit went together without problems, and fired up right first time. U6, the TS9521D should be oriented such that it's markings are mostly towards the bottom edge of the board - towards C31. Said another way, the IC will read correctly if the board is rotated counter clockwise 90 degrees from the "normal" board orientation which places C40 and C31 near the bottom edge. Basically, if the IC is readable from left to right, pin 1 is in the lower left.

I agree with you in that SMT construction is more intimidating than it really is -- at least at the level manifested in the Nor'easter. I had more problems finding the right position of my glasses (no-line bifocals) and my OptiVisor 2.75x magnifier. Once everything was "lined up" vision was adequate. I used an Edsyn 951SX temp controlled soldering station with a tip that came to a rounded point of about 1mm radius. This combination seemed to work well, along with meticulous, no rush work.

I too have a couple of more questions on the Nor'easter -- which I'll post in a seperate message.

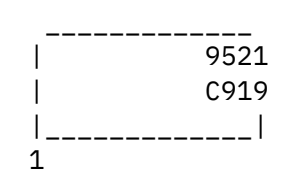
GL & 73,
Steve
aa8af

"Burnley" <nu0v@arrl.net>
Sent by: owner-qrp-l@Lehigh.EDU
01/18/2003 09:39 AM
Please respond to nu0v

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
cc:
Subject: Need Nor'easter Kit (Norcal) Help

Hi gang and sorry for the bandwidth. Can someone please help me with what I am sure will be a simple/embarrassing question? Where is pin 1 on the TS9521D IC in the Nor'easter kit. The other IC's were easily identified and easy to install but this one has me stumped. I read the doc and my impression is that if the IC is oriented so the writing is in a normal field (i.e. left to right as is this post), that pin 1 would be in the lower left hand corner.

In other words:



Am I orienting this backwards? Thanks much in advance.

This is a really FB kit and I have fun with the SMT building. I'm really mad at myself because I got the AMD chip just slightly crooked. I'm sure no one else will notice but it will bug me for the rest of my natural life (even though you can't see that side when mounted in an Altoids tin hi).

72/73, John NU0V

Date: Sun, 19 Jan 2003 20:02:21 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144926] MC-85 has been sold
Message-ID: <001101c2c030$5b003a60$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for all of the inquiries. I guess the price was low.

Jess

Date: Sun, 19 Jan 2003 22:41:18 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144927] Re: Who needed a 10M beacon xmtr
Message-ID: <3E2B6FDE.19829EAF@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have info for beacon transmitters for 222 or 432 MHz?

Paul K4FB

Date: Sun, 19 Jan 2003 23:16:46 -0500
From: Dan Halbert <halbert@bbn.com>
To: qrp-l@lehigh.edu
Subject: [144928] Re: [144913] Follow-Up to Foot Switches Post
Message-ID: <200301200416.h0K4Gkx14536@localhost.localdomain>

I am a little late on this suggestion, but I would also suggest checking with
music stores for foot pedals. There are many different kinds available that
are used for various purposes with electronic pianos, synthesizers, electric
guitars, etc. Some are potentiometers, some are just switches, etc. The
better ones are quite sturdy.

Dan, KB1RT

Date: Sun, 19 Jan 2003 20:23:18 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: <Steve.Lawrence@ITWFEG.COM>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144929] Re: Nor'easter Help: L3, L4, and Case Ideas?
Message-ID: <001701c2c03b$a9d70640$756aadcf@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,

I'm pretty pleased with my homebrew enclosure.

http://www.psnw.com/~kd7s/noreaster.html

----- Original Message -----
From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
> 2.) Any cleaver ideas for packaging the Nor'easter? I'm looking for
> something a bit more elegant than the ubiquitous Altoids case, and it must
> also hold the a std. 9V battery. Any commercial recommendations? Home
> brew cases? Hey, what did "everyone" use?

Date: Sun, 19 Jan 2003 23:50:49 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@ip.etecsa.cu>
To: <qrp-L@LeHigh.edu>
Subject: [144930] RE: Japanese transistor working now
Message-ID: <021901c2c037$1fa2ea60$1001a8c0@user>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi amigos
Thanks to all you great guys ,I was able to have the info about the Japanese germanium transistors very fast...
Four of them are now soldered to the audio amplifier section of the VEF206 Vega 8 band portable receiver...
AND IT IS WORKING BETTER THAN WHEN NEW !!!
How is this possible you may ask ???
Well, because the quality of the four audio transistors that I soldered to replace the original ones is certainly much higher...
The receives audio noise went down quite a bit, and the distortion also went down significantly...
Tomorrow I will solder in a new RF amplifier and MIXER stages,as I believe that the IF stages can stay with the original Russian MP422 RF transistors.
Again thanks to all of you amigos !!!
73 and DX
Arnie Coro
CO2KK
Maybe soon with a QRPp rig using a pair of 2SA466's on 30 meters . crystal controlled 10.116 aprox.

Date: Sun, 19 Jan 2003 22:40:17 -0800
From: "Jay Bromley" <w5jay@cox-internet.com>
To: <kd1jv@moose.ncia.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144931] Re: The Side Kick'er, 40M Tx module
Message-ID: <003201c2c04e$cbd65a80$a1b3b4d0@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI Steve and QRP-L gang,

Actually the SideKick is being produce by the Fort Smith QRP Group, but the Arizona Scorpion QRP is a super group that puts on the fabulous QRP forums at the Fort Tuthill Hamfest in July.

Any way we are down to the last SideKicks (less than 100). So if you want one let me know. See them at:
http://www.cox-internet.com/w5jay/kits/kits.htm

Steve you transmitter looks like another winner from the Weber factory!!

Many thanks and 73 de jay..

> I posted the schematic and discription for the "Side Kick'er" a companion
> 40M Tx module you can add to your Scorpion Side Kick receiver to make it a
> transceiver. The circuit uses a 74HC86 and a Class E 2N7000 final.
>
> http://www.qsl.net/kd1jv/SIDEKICKER.HTM
>
> Enjoy!
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> http://www.qsl.net/kd1jv/

Date: Mon, 20 Jan 2003 05:54:28 -0000
From: "Andy GM0NWI" <gm0nwiqrp@btopenworld.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144932] iLINK.....Program..For Hams..

Message-ID: <000b01c2c048$65fc7f60$055bfea9@GMONWILAPTOP>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guy's

I am tryin' to locate a program for "hams" that allows us to "talk" with each other
via the computer....

It's called "iLINK" I think, similar, to "Echolink".....of which I know is an "upgrade",
I already have this one, but would still like to try out the earlier one, that I am looking
for, was at another "ham" friends last night, and the activity on "iLINK" was still
quite good....

Wondering, I have looked extensivly over the "web" this evening for a download
site......to no avail....

Is there anyone here on the list, that would be willing to share it with me....I know
that this is kinda "way off topic" and I apologise for that, its just that I cant seem
to get the programe anywhere, all the "links" to the downloads on the sites I have
been to are dead....

I am QTHR in ANY callbook since 1990 if anyone can help ...

Thanks guy's ....hope I have'nt upset too many folks....
" Greetings From Bonnie Scotland..." gm0nwiqrp@btopenworld.com

72's, 73's
"..Badda-Bing..Badda-Boom.."
Andy
A.R.S. "..It is vain to do with more....
"A Dis-Orientated Kiwi...
GM0NWI QRP what can be done with less..."
In The Northern Hemisphere..."

GQRP No.9576
QRP-L No.2165
Alaskan QRP Club No.190

ICQ No.31899603

Date: Mon, 20 Jan 2003 08:42:05 GMT
From: hamjoel@juno.com
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [144933] hawaii falls
Message-ID: <20030120.004223.27064.771706@webmail1.wlv.untd.com>

High y'sll
  yea its me martha...
got hawaii tonite, on ssb no less
gonna try and put up the other half of the antenna
tomorrow if I can dress warm enough...
   40 meters is wonderful, at least tonite...

ke1la joel
in maine
frozen by the fire
and thawing

KE1LA JOEL
IN MAINE
FREEZIN

Date: Mon, 20 Jan 2003 06:38:30 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <christrask@earthlink.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144934] Re: Pre-Amps
Message-ID: <023601c2c078$76a616c0$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>   You should never terminate a diode ring mixer with a narrow-band
load
> such as a crystal filter, as it will cause the IMD performance to
degrade
> rapidly due to the images being improperly terminated. This is true for
all
> three terminals (RF, LO, and IF). Active mixers are much more forgiving
of
> out-of-band mismatches.
>
>   Any wideband termination, including my augmented amplifiers, will
keep
> the IMD performance of the mixer from degrading. In the early stages of
a
> receiver, an amplifier with good IMD performance will reduce the amount
of
> in-band IMD products caused by out-of-band signals. Further down the
> receiver chain where the signals become higher in amplitude, good IMD
> amplifiers are still necessary to reduce the amount if IMD distortion of
the
> desired signal(s).
>
> Chris

I would suspect that would be good advice ANY time you have any
circuit that might have product elements outside of what you're interested
in. Always follow with a wideband 'buffer' amp and THEN any filters.

Mike

Date: Mon, 20 Jan 2003 06:58:44 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [144935] Re: North American Sprint--qrz rule
Message-ID: <5.1.1.6.2.20030120063350.00a02b30@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I think you mean the QSY rule? The idea it is to stop "big guns" from
parking on one frequency and calling CQ the entire four hours. These
contests are designed around operating efficiency, particularly good
"search and pounce" skills.

It also means you must copy call signs accurately the first time, because

there's no chance to listen for two QSOs before you jump in. It's not for the faint of heart, but it does give the sprints a unique character.

If you do partake, remember this is one contest that requires BOTH call signs be sent every time, by BOTH stations. The protocol is that the CQing station (who must leave the frequency after the QSO) sends both calls before the exchange, and the replying station (who can remain there for one more QSO) sends the other call first, the exchange, and his/her call at the end. This way, anybody listening in knows which station can answer a call on that frequency. It sounds complicated, but you'll get into the rythym of it quickly once you hear it on the air.

There's a guide to the sprints at www.contesting.com (I know, that's not exactly a QRP web site!).

72,

--Tim (KR0U)

>"pschweit" <pschweit@mninter.net:
>
>ok...
>
>can anyone explain why?

Date: Mon, 20 Jan 2003 09:17:46 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144936] Elecraft QSO Party
Message-ID: <3E2BBEBA.2488.A0B5C1D@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

There is a proposed Elecraft QSO Party scheduled for March 8-9th. Since the rules are copyrighted material (no kidding!), I can't post them here.

They are available at:

http://www.linuxcolumbus.com/eqp.pdf

+-++-++-++-++-+   John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+-++-++-++-++-+   Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Mon, 20 Jan 2003 10:30:45 -0500
From: kwike@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [144937] Michigan QRP Net
Message-ID: <OF7788F476.3D954C3D-ON85256CB4.00551A8A@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

We had six check ins last week with good conditions.

	S	R			
W8IQB	579	599	BRISTOL	MI	LOWELL
WA8BXN	589	599	CLEVELAND	OH	MIKE
N1CUU	579	599	GETTYSBURG	PA	CARL
K1CL	339	569	CHELMSFORD	MA	CHUCK
VE3JC	569	569	LONDON	ONT	JOHN
W1NQ	339		HARVARD	MA	JERRY

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on
3.535 MHz..

Ed AB8DF

Date: Mon, 20 Jan 2003 10:37:31 -0500
From: "Charles Mabbott" <aa8vs@msn.com>
To: w2agn@w2agn.net, qrp-l@Lehigh.EDU
Subject: [144938] Re: Elecraft QSO Party - Question
Message-ID: <F36ilp631UN0rHakwu500005f4b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Is it meant to be a private party, with the information being copyrighted??
Seems like they would want to let everyone know.............

73 oo
Chuck AA8VS

"Whoever said the pen is mightier than the
sword obviously never encountered automatic
weapons."

http://68.43.100.7:81/aa8vs

>From: W2AGN <w2agn@w2agn.net>
>Reply-To: w2agn@w2agn.net
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Elecraft QSO Party
>Date: Mon, 20 Jan 2003 09:17:46 -0500
>
>There is a proposed Elecraft QSO Party scheduled for March 8-9th. Since
>the rules are copyrighted material (no kidding!), I can't post them here.
>
>
>They are available at:
>
>http://www.linuxcolumbus.com/eqp.pdf
>
>---
>+-++-++-++-++-+   John L. Sielke
>|W||2||A||G||N| http://www.w2agn.net [UPDATED]
>+-++-++-++-++-+   Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Mon, 20 Jan 2003 11:00:51 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [144939] Re: Nor'easter Help: L3, L4, and Case Ideas?
Message-ID: <113.1dca49c7.2b5d7733@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Great lookin' Nor'Easter Bill.

I followed the kiss method with mine. It seems like most people that see it, want to see it. So, I put it in a clear cassette tape case. I had to notch the plastic for T1 & T2 as they were too tall. There is no room for a battery either. I put a small loop of wire on the board for the ant connection and just clip to it through a small hole above it. Holes are in the side for power and headphones. I just uploaded two pics if you're interested.

< http://members.aol.com/cwn2zhs/ne1.jpg >

< http://members.aol.com/cwn2zhs/ne2.jpg >

73, Al N2ZHS
Scotia, NY

In a message dated 1/20/03 10:21:26 AM Eastern Standard Time, Steve writes:

<< 2.) Any cleaver ideas for packaging the Nor'easter? I'm looking for something a bit more elegant than the ubiquitous Altoids case, and it must also hold the a std. 9V battery. Any commercial recommendations? Home brew cases? Hey, what did "everyone" use?

TNX,
Steve
aa8af >>

Date: Mon, 20 Jan 2003 08:08:45 -0800
From: George Fremin III - K5TR <geoiii@kkn.net>
To: qrp-l@Lehigh.EDU
Subject: [144940] Re: North American Sprint--qrz rule
Message-ID: <20030120160845.GA9814@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Jan 20, 2003 at 06:58:44AM -0700, Tim Groat wrote:
>
> There's a guide to the sprints at www.contesting.com (I know, that's not
> exactly a QRP web site!).

I think this is the guide that Tim is talking about:

http://www.contesting.com/articles/198

Included in this article by W4AN is a link to a web page
created by N6TR that has sound files of sprint QSOs.

And if you really would like to hear what a sprint
sounds like from the view point of a top ten
finishing station, W4AN has the audio of the first hour
of the last sprint he operated. You can find it here:

http://www.w4an.com/cwsprint/Sept02.html

--
George Fremin III - K5TR
geoiii@kkn.net
http://www.kkn.net/~k5tr

Date: Mon, 20 Jan 2003 09:31:28 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: <J38AL@aol.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144941] Re: Nor'easter Help: L3, L4, and Case Ideas?
Message-ID: <004c01c2c0a9$c43be1e0$436aadcf@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great job on your Nor'easter, Al. I am especially impressed with your
construction skills. I'll bet you have a whole closet full of beautiful
homebrew rigs.
==========
Bill Jones <><
Sanger, California
==========
----- Original Message -----
From: <J38AL@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 20, 2003 8:00 AM
Subject: Re: Nor'easter Help: L3, L4, and Case Ideas?

> Great lookin' Nor'Easter Bill.
>
> I followed the kiss method with mine. It seems like most people that see
it,
> want to see it. So, I put it in a clear cassette tape case. I had to notch
> the plastic for T1 & T2 as they were too tall. There is no room for a
battery

> either. I put a small loop of wire on the board for the ant connection and
> just clip to it through a small hole above it. Holes are in the side for
> power and headphones. I just uploaded two pics if you're interested.
>
>   < http://members.aol.com/cwn2zhs/ne1.jpg >
>
>   < http://members.aol.com/cwn2zhs/ne2.jpg >
>
> 73, Al N2ZHS
> Scotia, NY
>
> In a message dated 1/20/03 10:21:26 AM Eastern Standard Time, Steve
writes:
>
> << 2.) Any cleaver ideas for packaging the Nor'easter? I'm looking for
> something a bit more elegant than the ubiquitous Altoids case, and it
must
> also hold the a std. 9V battery. Any commercial recommendations? Home
> brew cases? Hey, what did "everyone" use?
>
> TNX,
> Steve
> aa8af >>
>

Date: Mon, 20 Jan 2003 09:48:26 -0800
From: "N4LGH" <n4lgh@waveguide.us>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [144942] RE: 30 KHz to 30 MHz ! At LAST ! Something that we can ALL
use !
Message-ID: <GNEOLGDJDOPEALHJMKLCCEOKDFAA.n4lgh@waveguide.us>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 9850 is a good device to try - you can use a 125 MHz reference and play
up to 30 MHz easily. If you use a good filter, you can play up to 54 MHz.

We used a 10 element elliptical lowpass filter with a notch that
specifically helped for the 50 MHz range when we made the PC-VFO.

If anyone wants it I'll dig out the schematics.
Tracy N4LGH

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Steven Weber
Sent: Sunday, January 19, 2003 11:11 AM
To: Low Power Amateur Radio Discussion
Subject: Re: 30 KHz to 30 MHz ! At LAST ! Something that we can ALL use !

Bill,

In addition to the desired fundimental output of a DDS, there are also "aliasing" images, which are centered around the clock frequency.

If the DDS is running with a 50 MHz clock and outputing say, 10 MHz, there will also be a signal at 40 MHz and 60 MHz. (This is also true of all the harmonics of the clock, but of less significance) As Fo approches 1/2 the clock, Fc-Fo also approches 1/2 the clock, until till they meet at the middle.

As these two signals get close to each other in frequency, thier amplitude is also very similer, so it gets difficult to seperate the two with filters. It is generally recommended that the output of the DDS be limited to 1/3d of the clock, so that the aliasing images can be effectivly filtered out with a modest filter. One can push this limit if one uses a better low pass filter on the output of the DDS. One other consideration is as the output frequency gets higher, so does the number and amplitude of "low level" spurs on the output.

I have seen some DDS designs published which do not include an anti-aliasing filter and push the output close to 1/2 the clock--big mistake!

Further, the output of the DDS follows a sinx/x curve. If we limit the output to 1/3d the clock, the output level stays reasonably flat over that range.

Since the first order aliasing image (Fc-Fo) is of reasonable amplitude, it it possable to pick off this signal for use with filters. However, you are limited to using the signal in the middle of it's range, so that it can be effectivly isolated from the Fo and Fc signals, which are also present, and of significantly stronger amplitude.

At present, I don't belive ADI makes a faster version of the 9835. To go above the 15 Mhz practical limit of the 9835, you need to use a 9850.
72,
Steve, KD1JV
"Melt Solder"

White Mountains of New Hampshire
http://www.qsl.net/kd1jv/

Date: Mon, 20 Jan 2003 12:27:59 -0600
From: "Joe Martin" <km5cw@arrl.net>
To: "NETXQRP" <NETXQRP@mailman.qth.net>, <qrp-l@Lehigh.EDU>
Subject: [144943] Local AM station interfearence KESS
Message-ID: <06cc01c2c0b1$a9e819a0$de43adcf@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello folks,
I would like to know if anyone else has started having a problem with 1270 AM KESS taking over the 14.060mhz area where I have been very happy working qrp untll yesterday, when this FtWorth based mexican broadcast staton took over completly on my RockMite20 bandwidth.
I went back into the rig and added the 1K resistor mod but it didn't help so that indicates at least to me the problem is not in my rig. But was wondering if anyone else has been experiencing tis problem. It has me completly shut down from working 14.060 right now.
Thanks for any feedback
73 de KM5CW Joe
FISTS #4217 QRPARCI #11368 NETXQRP#42
GRID-EM13kf
(http://web.wt.net/~km5cw)
_ _·_ ·_·· ··_·

Date: Mon, 20 Jan 2003 13:37:39 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: NETXQRP <NETXQRP@mailman.qth.net>
Cc: qrp-l@Lehigh.EDU
Subject: [144944] Re: Local AM station interfearence KESS
Message-ID: <3E2C41F3.1988813B@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No one pays attention to details any more.

The Swamp Rats paid big bucks for 40m to be "fixed" in Texas...

...good help is hard to find these days.   :-)

Paul K4FB

> It has me
> completly shut down from working 14.060 right now.
>

Date: Mon, 20 Jan 2003 10:44:25 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: w2agn@w2agn.net
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [144945] Re: Elecraft QSO Party March 8-9th
Message-ID: <3E2C4389.1000901@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi John,

Lets nip this in the bud. As far as we are concerned there is no copyright on the EQP rules. :^)

I'll have Pat, N8VW (who is helping organize the EQP), remove the copyright notice immediately from the draft posted on his site. This was only a misunderstanding as Pat was just trying to keep early, possibly incorrect, versions of the draft rules from getting copied widely on the net.

Here is a text version of the draft rules. For the final, most accurate, version, please refer to: http://www.linuxcolumbus.com/eqp.html

Thanks again to Pat for helping set this up. It should be fun!

73, Eric WA6HHQ
http://www.elecraft.com
=========

Elecraft QSO Party   EQP

**********(DRAFT)**********

1. Object: To work as many other Elecraft owners and to have fun doing it :^)

2. Contest Period: 1500z March 8 to 1500z March 9, 2003

3. Suggested Frequencies
   1. CW 7030-7040, 14050-14060, 21050-21060, 28050-28060
   2. SSB 7250-7300, 14250-14300, 21300-21350,28300-28350

4. Categories
    1. Stations using Elecraft K1 and/or K2 transceivers
       (for all contacts).
    2. Stations using all other equipment.

5. Exchange:
    Category 1: RST, Elecraft Rig Type, Rig Serial
                Number and State, Province or Country
    *Note: K2 Field Testers Add "FT" to your Elecraft Rig Type

    Category 2: RST and State Province or Country.
                Please use real RST's

6. Scoring
    1. 3 points for each qso using 5 Watts
       or less cw (10 Watts or less SSB)
    2. 2 points for each qso using 6 to 15 Watts cw,
       11 Watts to 15 Watts SSB
    3. 1 point greater than 15 Watts.
    4. Bonuses
       1. 5 points for each K1/K2 field tester worked.
       2. 25 points for battery power. No charging
          during the contest period.
    5. Final score will be sum of qso points + bonuses.

7. Award Certificates (available only to stations in Category 1)
    1. Top 5 US/Canada
    2. Top 5 DX

8. Qsos are encouraged. CW working SSB? No problem. Own more then one Elecraft rig? Note what rig(s) you used in the log. Packet use is encouraged during the contest. Please spot any and all Elecraft users.

Send Summary sheets to K2@linuxcolumbus.com within 30 days of the contest. ASCII format only , binary output (eg Word documents, spreadsheets) will result in more work for Pat, N8VW. Results will be available 15 days after. Certificates will be mailed within 30 days after the results are published.

Commonly Asked Questions

1. Rules
* I don't own an Elecraft rig.
o You can still take part and your results will be published just that we don't offer any certificates if you do well.

* Field Tester bonus.
* Anytime you work a field tester it is worth 5 points. We are thinking about placing an upper limit on the points of this bonus.

2. Operating
* Can I work a station more then once per band?
o Yes, you can work the same station once per mode.

3. Entering
* What should my summary sheet look like?
o Something like this will work.

Band	CW QSOs	CW Pts	SSB QSOs	SSB Pts
10	25	75	5	15
15	50	150	15	45
20	120	360	30	90
40	90	270	3	9
Total		855		159 = 1014

Rig: K2
Comments: Worked three new countries and 7 new states!

Address: Joe Ham
57936 ColdHam Road
Fargo, ND, 7777777

===
John wrote:

There is a proposed Elecraft QSO Party scheduled for March 8-9th. Since the rules are copyrighted material (no kidding!), I can't post them here.

They are available at:

http://www.linuxcolumbus.com/eqp.pdf

Date: Mon, 20 Jan 2003 12:54:00 -0600
From: "Joe Martin" <km5cw@arrl.net>
To: "NETXQRP" <NETXQRP@mailman.qth.net>
Cc: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [144946] Re: [NETXQRP] Re: Local AM station interfearence KESS
Message-ID: <06db01c2c0b5$4be66880$de43adcf@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Our day will come!!<g> I guess it wouldn't be so bad if it was a good C&W
station,,and would be a lot harder to track down it Tx except maybe in DFW,
Houston Area<bg>
73 de KM5CW Joe
FISTS #4217 QRPARCI #11368 NETXQRP#42
GRID-EM13kf
(http://web.wt.net/~km5cw)
_ _·_ ·_·· ··_·

----- Original Message -----
From: "Paul Womble" <pwomble1@tampabay.rr.com>
To: "NETXQRP" <NETXQRP@mailman.qth.net>
Cc: <qrp-l@Lehigh.EDU>
Sent: Monday, January 20, 2003 12:37 PM
Subject: [NETXQRP] Re: Local AM station interfearence KESS

> No one pays attention to details any more.
>
> The Swamp Rats paid big bucks for 40m to be "fixed" in Texas...
>
> ...good help is hard to find these days.   :-)
>
> Paul K4FB
>
>
> > It has me
> > completly shut down from working 14.060 right now.
> >
>
> _____
> NETXQRP mailing list

> NETXQRP@mailman.qth.net
> http://mailman.qth.net/mailman/listinfo/netxqrp

Date: Mon, 20 Jan 2003 11:01:43 -0800 (PST)
From: Barry N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [144947] Homebrew AM?
Message-ID: <20030120190143.65061.qmail@web13203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Would appreciate any pointers to plans for a ~5W
homebrew plate modulated xtal controlled AM xmitter
for any of the hf bands.

Tnx & 72/73,
Barry N1EU

Date: Mon, 20 Jan 2003 13:37:35 -0600
From: "George, W5YR" <w5yr@att.net>
To: <n1eu@yahoo.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144948] Re: Homebrew AM?
Message-ID: <00ee01c2c0bb$639c4c00$0201a8c0@fairviewtx.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Barry, go back to any of the ARRL Handbooks of the late 30's up
through the 40's. Such rigs were fairly popular, usually on 160 meters
for local groundwave work. Actually, adapting almost any of the qrp CW
rigs to "plate modulation" is not all that difficult . . .

Glad to see more interest in QRP, Barry, although QRP AM is rather a
rare animal on the bands.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----
From: "Barry N1EU" <n1eu@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 20, 2003 1:01 PM
Subject: Homebrew AM?

> Would appreciate any pointers to plans for a ~5W
> homebrew plate modulated xtal controlled AM xmitter
> for any of the hf bands.
>
> Tnx & 72/73,
> Barry N1EU

Date: Mon, 20 Jan 2003 19:42:55 -0000
From: "Hubert Smits" <hubert.smits@btinternet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [144949] RE: Need Nor'easter Kit (Norcal) Help - me to
Message-ID: <002201c2c0bc$21b85b70$0100000a@mynote>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gangue,

Over the past week I've also build the Norcal Nor'Easter kit. Good fun
and if you take your time the SMD parts do get on the board in the right
spot. But... after aligning and testing I get no audio out of the kit,
only static. I've compared the results with another receiver, and don't
hear stations where the other one does. Here's what I did during
alignment and testing:

- Display comes up as described, all buttons work, I can switch bands,
program memories etc.
- I had a problem with L3 / L4 (after swapping the number of turns) to
get the VCO voltages correct and added/romoved turns until the voltages
were correct. In the process I replaced the T37-6 torroids with T30-6
ones, to make fitting flat against the board easier. VCO voltages are

now spot on.
- VCO frequency went on 16.705 MHz no probs, it is not rock steady though, but moves between 16.705.0 and 16.705.8

Troubleshooting starting with verifying all compontens. No solderbridges, all parts at the right place, resistors right values, no loose legs on any ic. Can't check the caps, but I'm pretty sure they're ok.

Then went thorugh the schematic, checking the voltages and frequencies. These are the descrepancies:

U1 - SA612, pin 4 (out) measures 3.80V not 3.95V. Pin 8 (Vcc) measures 4.92V not 5V
Q1 - 2N3904 measures 1.63V on the emitter, not 2.54V
U3 - MC145170D2, Pin 3 (REFout) measures 24 MHz, not 640kHz as in the schema, checked this with various bands).

I'm stuck now. Does anybody have a tip? I've gone through all the docs, errata and searched the web, but I don't get any further.

72 de Hubert - MM0GMM

Date: Mon, 20 Jan 2003 15:01:07 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144950] RE: Local AM station interfearence KESS
Message-ID: <721D3436A7C2B344A301FD4A413C71A9ADF43B@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Joe,

Did the station just start operating, or make any change to its power?

My guess is still receiver overload. 14.060 is not a multiple of 1.27, =
so it is not harmonics -- the usual BC station problem.=20

If you have a step attenuator, try switching in about 20-30 dB of =
attenuation and see if this attenuates the BCI more than the desired =
signals. If it does, then recevier overload is almost certain.

You can also try an HF high-pass filter, sold by Industrial =
Communications Engineers (http://www.inducomm.com). This will block the =
strong AM BC signal from your station receivier.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: http://www.arrl.org/tis

> -----Original Message-----
> From: Joe Martin [mailto:km5cw@arrl.net]
> Sent: Monday, January 20, 2003 1:28 PM
> To: Low Power Amateur Radio Discussion
> Subject: Local AM station interfearence KESS
>=20
>=20
> Hello folks,
> I would like to know if anyone else has started having a=20
> problem with 1270
> AM KESS taking over the 14.060mhz area where I have been very=20
> happy working
> qrp untll yesterday, when this FtWorth based mexican=20
> broadcast staton took
> over completly on my RockMite20 bandwidth.
> I went back into the rig and added the 1K resistor mod but it=20
> didn't help so
> that indicates at least to me the problem is not in my rig. But was
> wondering if anyone else has been experiencing tis problem. It has me
> completly shut down from working 14.060 right now.
> Thanks for any feedback
> 73 de KM5CW Joe

> FISTS #4217 QRPARCI #11368 NETXQRP#42
> GRID-EM13kf
> (http://web.wt.net/~km5cw)
> _ _._ ._.. ..._.
>=20
>=20
>=20

Date: Mon, 20 Jan 2003 15:18:41 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU, GQRP@yahoogroups.com
Subject: [144951] Overseas orders for EMRFD
Message-ID: <200301202018.h0KKITTJ006471@hagus.bright.net>
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I have had several inquiries about the pricing for overseas orders for the new book "Experimental Methods in RF Design" by W7ZOI, KK7B, and W7PUA.
After talking to ARRL about the size and weight of the book, I will now extend the same offer to overseas readers of QRP-L and the GQRP list. I will cover the cost of shipping. In most cases it will be Global Priority Air Mail. In all others it will be the best method available. Global Priority Mail is not available to all countries, but where it is available delivery should only take three days from the time I drop the book at the Post office.

I will include any other ARRL books/CDs ordered at the same time in this offer.

I can take VISA or Mastercard directly via e-mail or regular mail, or you can order using PayPal through my web site at:

http://www.bright.net/~kanga/kanga/emrfd.htm

Use the "Buy Now" button at the bottom of the page.

Hope to hear from a lot of you prior to Feb 15!

BTW - this new book has put me on a first name basis with the folks at the Publication Dept. at ARRL - they are well aware of the response for this book from the QRP Community - Thanks guys!

73 - Bill - N8ET
Kanga US

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End of QRP-L Digest 2806
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